

Converting Colors

Hex(904D01)

Have a look what the booklet for
Hex(904D01) contains.

Hex(904D01)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(904D01)

Conversions

Conversions Part 1

Format	Color
Hex	904D01
RGB	144, 77, 1
RGB Percent	56%, 30%, 0%
CMY	0.4353, 0.6980, 0.9961
CMYK	0.00, 0.47, 0.99, 0.44
HSL	32°, 99%, 28%
HSV	32°, 99%, 56%
XYZ	14.1610, 11.2392, 1.4517
YIQ	88.3690, 64.3280, -9.4320

Conversions

Conversions Part 2

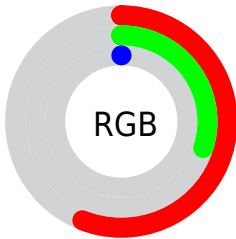
Format	Color
RYB	127, 144, 1
Decimal	9456897
CIELab	39.98, 23.77, 49.09
CIELCh	40, 54.545, 64.164
Yxy	11.2392, 0.5274, 0.4186
Android (android.graphics.Color)	4287646977 (0xFF904D01)
YUV	88.3690, -43.0729, 48.7884
Hunter-Lab	33.5250, 16.7297, 20.9000

Details

The Hex color **904D01** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **014490**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CB7F38**, and **571F00** is the 20% darker color. If you saturate the color by 10%, you get **904D00**, and if you desaturate by 10%, it is **90540F**.

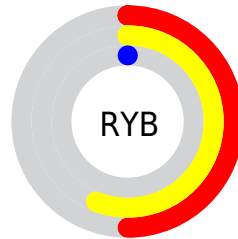
Distribution



Red (56%)

Green (30%)

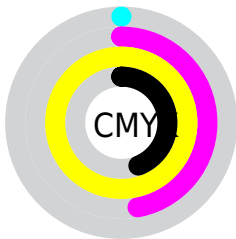
Blue (0%)



Red (50%)

Yellow (56%)

Blue (0%)

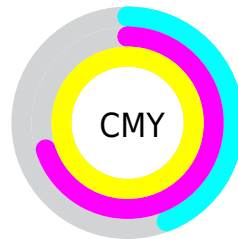


Cyan (0%)

Magenta (47%)

Yellow (99%)

Black (44%)



Cyan (44%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 904D01 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 904D01 by changing the saturation by 10% instead.

 904D01

 904D01

 FFFFF4

 733600

 CB7F38

 571F00

 EA9951

 3B0900

 FFB46B

 250001

 FFCF85

 000000

 FFECA0

 FFFFBB

 FFFFD8

 904D01

 904D01

■ 904D00

■ 90540F

■ 905A1E

■ 90612C

■ 90683B

■ 906F49

■ 907557

■ 907C66

■ 908374

■ 908A83

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7382F



904D01



6D5E00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



904D01



007263



654FA9

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



904D01



014490

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0062B8



904D01



00728F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



904D01



007035



006DAE



983986

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



904D01



4F6600



006DAE



4956B0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



904D01



BAA082



900146



5E4E3C



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



904D01



BA6300



8E9001



474440



874800



080400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



014490



0057BA



030190



404447



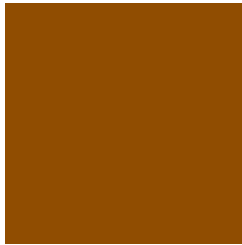
003F87



000408

Previews

White Background



This preview shows how the Hex color 904D01 looks on a white background.

Color Contrast Check

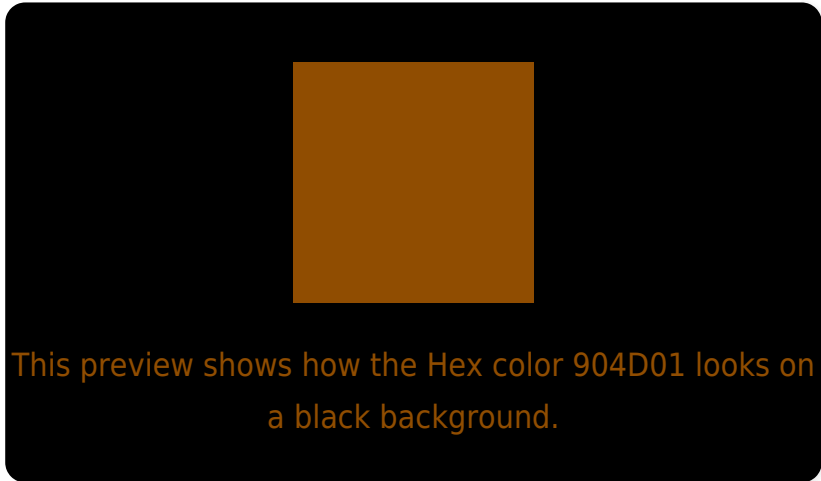
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 904D01 Background



This preview shows how black text looks on a background with the Hex color 904D01.



This preview shows how white text looks on a background with the Hex color 904D01.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
904D01

Protanopia
6B5F0C

Deuteranopia
785A00

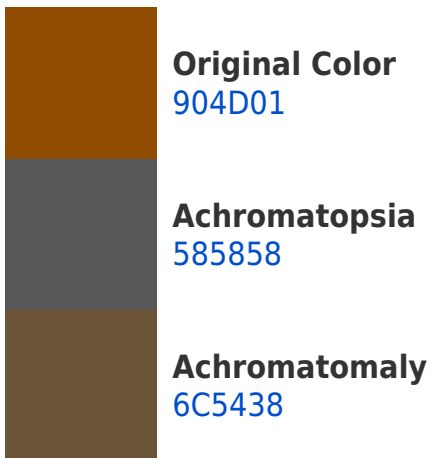


Tritanopia
93484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 904D01 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #904D01 looks like.

```
.text, #text, p{  
    color:#904D01  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #904D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904D01
}
```

Border

The CSS property to change the border of an element to Hex 904D01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

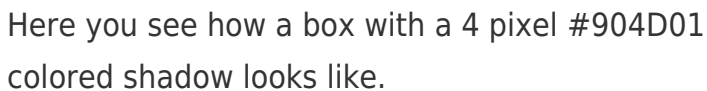
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#904D01 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#904D01 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #904D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904D01; -webkit-box-shadow:4px 4px  
4px 4px #904D01; box-shadow:4px 4px 4px  
4px #904D01 }
```

Background

The CSS property to change the background color of an element to Hex 904D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904D01 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#904D01 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor